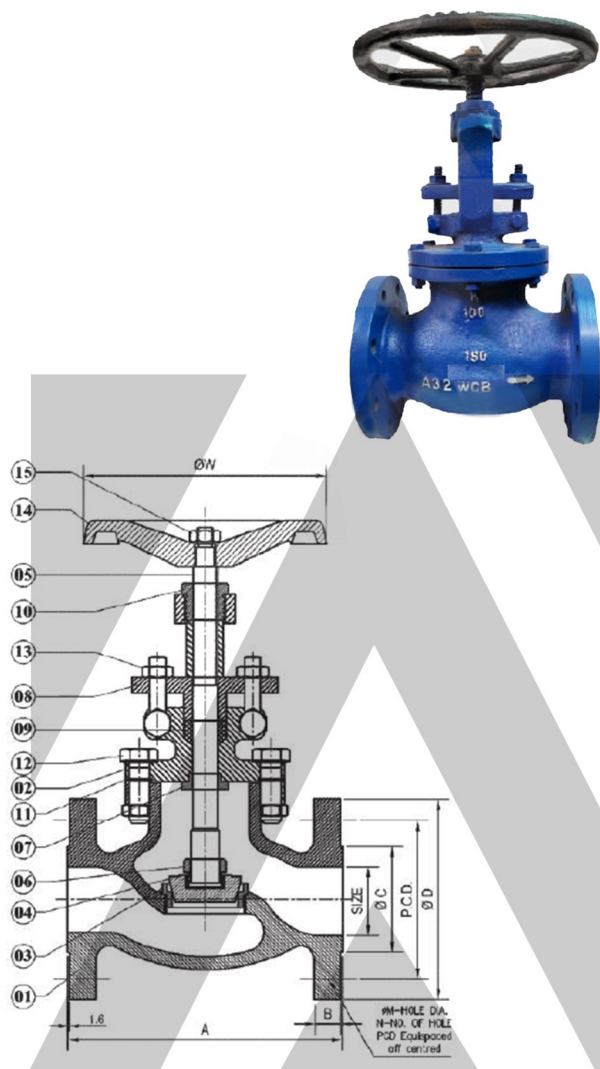


GLOBE VALVE FLANGE ENDS (150# / 300#)

“Apollo” make globe valves is a linear motion valve and are primarily designed to stop, start and regulate flow. the disc of a globe valve can be totally removed from the flowpath or it can completely close the flowpath



NO	DESCRIPTION	MATERIAL	QTY.
01	BODY	ASTM A 216 Gr. WCB / CF8 / CF8M	1
02	BONNET	ASTM A 216 Gr. WCB / CF8 / CF8M	1
03	SEAT RING	AISI 410 (13% CR) SS 304 / 316	1
04	DISC	AISI 410 (13% CR) SS 304 / 316	1
05	STEM	AISI 410 (13% CR) SS 304 / 316	1
06	STEM NUT	AISI 410 (13% CR) SS 304 / 316	1
07	BACK SEAT	AISI 410 (13% CR) SS 304 / 316	1
08	GLAND	CARBON STEEL	1
09	GLAND PACKING	METALIC WIRE REINFORCED GRAPHOIL ASBESTOS	----
10	YOKE SLEEVE	SG IRON	1
11	BONNET GASKET	ASBESTOS FILTER S.S. 304 SPIRAL WOUNDED / CAF	1
12	BONNET STUD & NUT	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	----
13	EYE BOLT & NUT	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	2 SET
14	HAND WHEEL	SG IRON	1
15	HAND WHEEL NUT	CARBON STEEL	1

TECHNICAL DATA	
DESIGN & MANUFACTURING STD.	BS 1873
TESTING & INSPECTION STD.	API 598 / BS 5146
END CONNECTIONS :	FLANGED AS PER ANSI B-16.5
SHELL WALL THICKNESS	AVSI B 16.34
FACE TO FACE :	AS PER ANSI / B 16.10

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRES.	TEMP.	HYD. TEST PRESS. BODY	SEAT
150	150 PSIG	500°F	425 PSIG	300 PSIG
300	300 PSIG	800°F	1100 PSIG	800 PSIG

SIZE		CLASS - 150							
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.	ØW
1"	25	127	11.0	51	108.0	16	4	79.2	100
1.1/2"	40	165	14.2	73	127.0	16	4	98.5	135
2"	50	203	15.7	92	152.0	19	4	120.6	200
2.1/2"	65	216	17.5	105	178.0	19	4	139.7	250
3"	80	241	19.0	127	190.5	19	8	152.4	250
4"	100	292	24.0	157	229.0	19	8	190.5	300
5"	125	356	24.0	186	254.0	22	8	215.9	350
6"	150	406	25.0	216	279.0	22	8	241.3	350
8"	200	495	28.5	270	343.0	22	8	298.4	400
10"	250	622	30.0	324	406.0	25	12	362.0	450
12"	300	698	32.0	381	483.0	25	12	431.8	500

SIZE		CLASS - 300							
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.	ØW
1"	25	203.0	17.5	51	124.0	19	4	89.0	135
1.1/2"	40	229.0	20.5	73	155.5	22	4	114.3	200
2"	50	267.0	22.0	92	165.0	19	8	127.0	200
2.1/2"	65	292.0	25.0	105	190.5	22	8	149.3	200
3"	80	317.5	28.5	127	209.5	22	8	168.0	300
4"	100	356.0	32.0	157	254.0	22	8	200.0	350
5"	125	400.0	35.0	186	279.4	22	8	235.0	350
6"	150	444.5	36.5	216	317.5	22	12	269.7	400
8"	200	559.0	41.0	270	381.0	25	12	330.2	550
10"	250	622.0	47.5	324	444.5	28	16	387.4	600
12"	300	711.0	51.0	381	521.0	32	16	450.8	600